Manveer Basra

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education	*University of Toronto*	*expected April 2021*
	Bachelor of Science (Computer Science)	
	GPA 3.6/4.0	

Relevant Coursework

- Software Design and Development
- Data Structures and Analysis

skills

Languages: Python, Java, HTML, CSS, git

Frameworks/API's: Selenium, CodeCov, Travis/Circle-CI

projects

Game Center - A collaborative effort between 5 students to make an app of multiple mini games, developed with a strong emphasis on systems design and OOP Principles.

Role: Project Manager

- Improved workflow and reduced conflicts via thorough planning
- Implemented design patterns that increased code coverage by 14%
- Optimized saving/loading to make use of efficient data structures

On-Time - An alarm manager app with functionality to move alarms depending on traffic and weather data

- Uses Room Persistence Library for more robust database access
- Implements MVC to multi-thread UI population

experience	*Member and Global Finalist*	*Google Code-In 2016*
	CCExtractor Development	

- Designed and implemented modular based Activity Extractor
- Fixed bugs on Sample Platform and updated dependencies
- Conducted research on keyword-extraction algorithms for subtitle data

	Assistant Warehouse Manager	*Summer 2018*
	ND Graphics	

- Moderately reduced warehouse mistakes
- Managed and coordinated warehouse reorganization

leadership

Peer Mentor for CSC236: Intro to the Theory of Computation

achievements

Top 4% in Google Code-In 2016, ranked 3rd with CCExtractor Development, participated in the competition for 3 consecutive years

Ranked Gold in Regional, and Bronze in Provincial BC Skills Canada Graphics Design Competition